

INCH-POUND

MIL-DTL-83413/1E  
15 November 2014

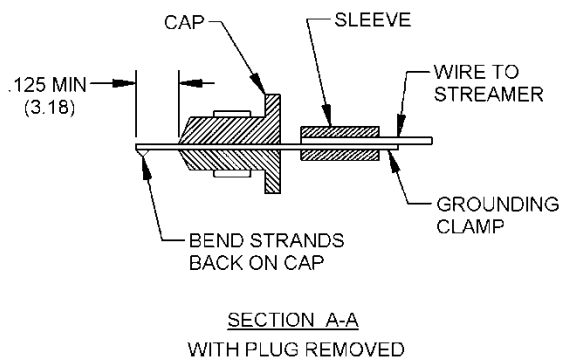
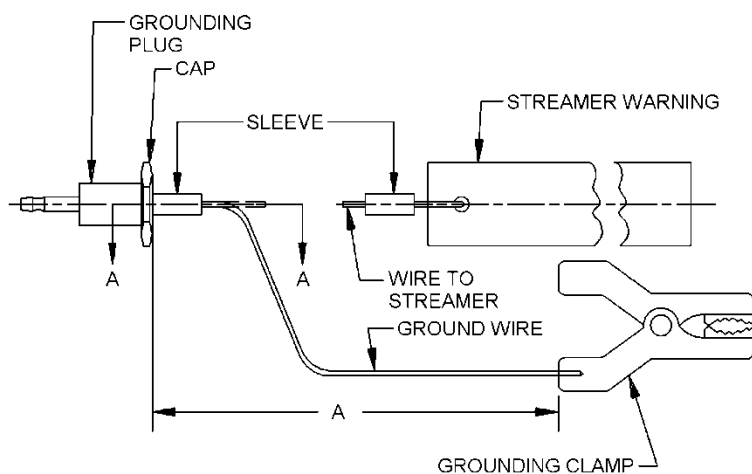
SUPERSEDING  
MIL-DTL-83413/1D  
19 May 2010

## DETAIL SPECIFICATION SHEET

### CONNECTORS AND ASSEMBLIES, ELECTRICAL, AIRCRAFT GROUNDING: TYPE I GROUNDING ASSEMBLY, DISCHARGER, ELECTROSTATIC

This specification is approved for use by all Departments and Agencies of the Department of Defense.

The requirements for acquiring the product described herein shall consist of this specification sheet and MIL-DTL-83413.



Wire Length (A)	
10ft	±1
20ft	±1
30ft	±1
40ft	±1

#### NOTES:

1. Dimensions are in inches.

FIGURE 1. Type I grounding assembly.

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### REQUIREMENTS

Design and configuration: See figure 1.

Grounding plug: In accordance with MIL-DTL-83413/4.

Grounding cap: In accordance with MIL-DTL-83413/10.

Grounding wire: 7 x 7 wire in accordance with MIL-DTL-83420/4, type II, composition B, jacket color translucent (see PIN example) or international orange in accordance with FED-STD-595/22510.

Grounding clamp: In accordance with MIL-DTL-83413/7 or MIL-DTL-83413/12.

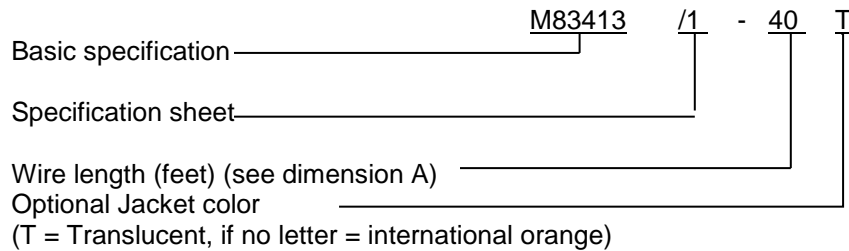
Sleeves: Shall be manufactured from SAE-AS20659 terminals.

Warning streamers: Shall be in accordance with NAS1756, and shall be attached securely near the plug. See figure 1.

Splices shall not be used.

Assembly resistance: Resistance of the grounding assembly shall not exceed 6.0 ohms.

Part or Identifying Number (PIN) example:



Wire length shall be 10, 20, 30, or 40 feet  $\pm$  1 foot.

### QUALIFICATION

Qualification is not required for this specification sheet. First article inspection shall be a visual and mechanical inspection in accordance with MIL-DTL-83413.

Changes from previous issue. The margins of this specification are marked with vertical lines to indicate where changes from the previous issue were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous issue.

## MIL-DTL-83413/1E

Referenced documents. In addition to MIL-DTL-83413, this document references the following:

MIL-DTL-83413/4	FED-STD-595/22510
MIL-DTL-83413/7	NAS1756
MIL-DTL-83413/10	SAE-AS20659
MIL-DTL-83413/12	
MIL-DTL-83420/4	

## CONCLUDING MATERIAL

### Custodians:

Army - AV  
Navy - AS  
Air Force – 85  
DLA - CC

### Preparing activity:

DLA - CC

(Project 5920-2014-011)

### Review activities:

Army - AR, CR, CR4, MI  
Navy - MC  
Air Force - 02, 13, 99

NOTE: The activities listed above were interested in this document as of the date of this document. Since organization and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <https://assist.dla.mil>.